

**REFLECTIVE POLARIZING TRANSFLECTOR  
FOR DISPLAY APPLICATIONS**

**ABSTRACT OF THE DISCLOSURE**

A transflector is described which increases efficiency and brightness under both ambient and supplemental lighting conditions in visual display applications. In one embodiment, the transflector includes a reflective polarizing element that reflects one polarization of light and transmits the other. In an alternate embodiment, the transflector includes a reflective polarizing element and a diffusing element such that the transflector diffusely reflects light of one polarization and transmits the other. The transflector is useful for both reflective and transreflective liquid crystal displays.

09781639-021001  
FOOTED-02978260